IMPORTANT:
Refer to www.extron.com for the complete user guide, installation instructions, and specifications before connecting the product to the power source.

XTP T UWP 202 • Setup Guide

The XTP T UWP 202 is a two-input XTP Decora® Wallplate Transmitter that can be installed into a UL Listed metal junction box or the provided mud ring. This guide provides instructions for an experienced installer to install and connect the XTP T UWP 202.

Throughput and Control Connections	Power Connection, Reset Button, and Input Connections
A XTP output connector	F DC power connector
B RS-232 and IR Over XTP connector	G Reset button
C Remote RS-232 connector	H HDMI connector
D LAN connector (LAN model only)	I Analog audio input connector
E USB configuration connector	J Female 15-pin HD connector

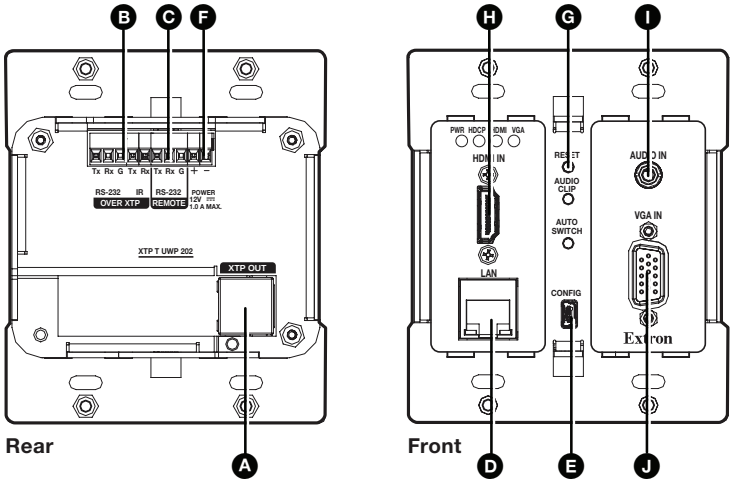


Figure 1. **XTP T UWP 202 Rear (Left) and Front (Right) Panel Features (LAN Model)**

Installation

Planning

CAUTION: **Risk of personal injury.** Failure to check the items listed below may result in personal injury.

ATTENTION: Failure to check the items listed below may result in property damage.

NOTE: If a junction box is required, it must be metal.

☐ Ensure the installation meets the building, electrical, and safety codes.

Mounting and Cabling

For additional mounting considerations, see the *XTP T UWP 202 User Guide* at **www.extron.com**. For metal junction boxes, refer to the manufacturer for additional mounting instructions and considerations.

Step 1 — Prepare the installation site

a. Using a soft pencil, mark cut guidelines on the mounting surface. For accuracy, use a template or the mounting enclosure.

NOTE: Install junction boxes against a wall stud (see figure 2).

b. Cut a hole in the wall. To avoid making the hole too big, cut inside the marked lines.

c. If using the mud ring in a wall with insulation inside, remove at least 6 inches of the insulation in all directions around the cutout. If a wall stud interferes with removing the insulation, remove as much as possible between the cutout and the wall stud.

d. Test the fit by inserting the mud ring or metal junction box into the hole in the wall. If necessary, enlarge the hole as needed.

Step 2 — Install the metal junction box or mud ring

To install a UL Listed metal junction box, use mounting screws to fasten the box to a wall stud (see figure 2).

To install the provided mud ring to the wall, attach the mounting screws to the mud ring and loosely attach backing clips to the ends of the screws. Rotate the backing clips so the mud ring fits in the opening and then rotate them to fit snugly against the back of the wall (see figure 3).

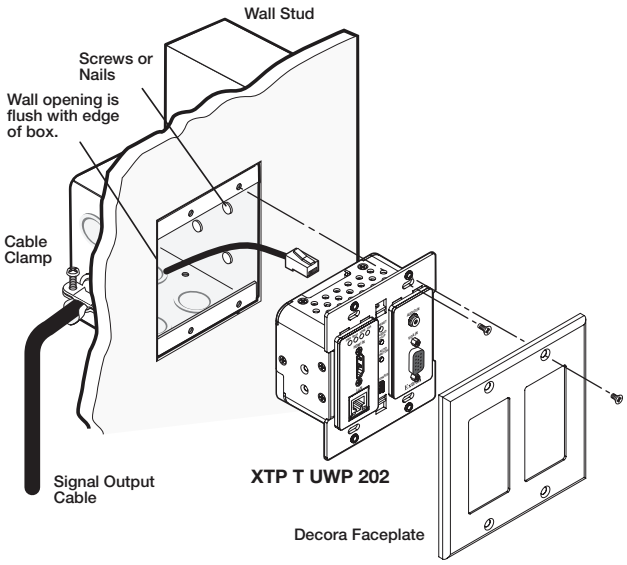


Figure 2. **Metal Junction Box Installation**

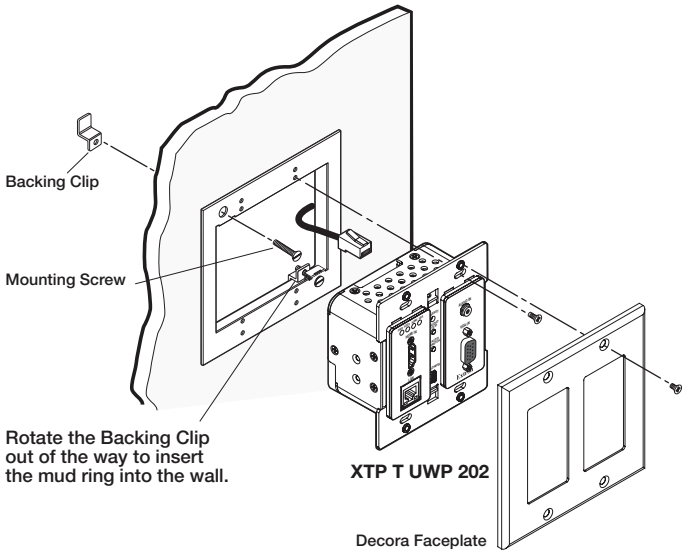

Backing Clip
Mounting Screw
Rotate the Backing Clip out of the way to insert the mud ring into the wall.
XTP T UWP 202
Decora Faceplate

Figure 3. **Mud Ring Installation**

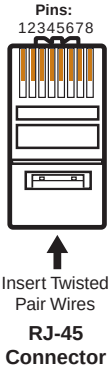
Step 3 — Make rear panel connections

a. Connect a twisted pair cable between the XTP connector (see Ⓐ on page 1) of the XTP T UWP 202 and an XTP receiver.

ATTENTION: Do not connect this connector to a computer data or telecommunications network.

The XTP T UWP 202 is compatible with shielded twisted pair (F/UTP, SF/UTP, and S/FTP) cable. Extron recommends using the following practices to achieve full transmission distances up to 330 feet (100 meters) and reduce transmission errors.

- Use Extron XTP DTP 24 SF/UTP cable for the best performance. If not using XTP DTP 24 cable, at a minimum, Extron recommends 24 AWG, solid conductor, STP cable with a minimum bandwidth of 400 MHz.
- Terminate cables with shielded connectors to the TIA/EIA-T568B standard.
- Limit the use of more than two pass-through points, which may include patch points, punch down connectors, couplers, and power injectors. If these pass-through points are required, use shielded couplers and punch down connectors.



TIA/EIA-T568B	
Pin	**Wire Color**
1	White-orange
2	Orange
3	White-green
4	Blue
5	White-blue
6	Green
7	White-brown
8	Brown

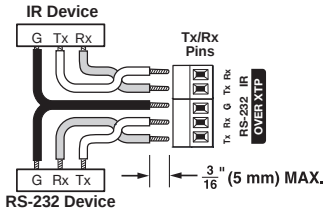
NOTE: When using shielded twisted pair cable in bundles or conduits, consider the following:

- Do not exceed 40% fill capacity in conduits.
- Do not comb the cable for the first 20 m, where cables are straightened, aligned, and secured in tight bundles.
- Loosely place cables and limit the use of tie wraps or hook and loop fasteners.
- Separate twisted pair cables from AC power cables.

Signal LED — Lights when the device is transmitting a video signal or a test pattern.

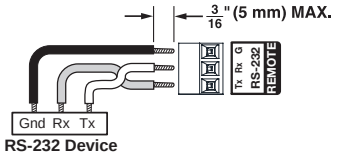
Link LED — Lights when a valid link between an XTP input and output is established.

b. To pass bidirectional serial, infrared, or other control signals, connect a control device or controllable device to the RS-232 and IR Over XTP connector (see Ⓑ on page 1). Wire the connector as shown to the right.



NOTE: RS-232 and IR data can be transmitted simultaneously.

c. For serial RS-232 control, connect a host device or control system to the 3.5 mm, 3-pole captive screw connector (see Ⓒ on page 1). Wire the connector as shown to the right.



d. Power the XTP T UWP 202 in one of the following methods:

- Connect the provided external power supply to the 2-pole captive screw connector for local 12 V power (see Ⓕ on page 1).
- Connect an XTP Power Injector to the XTP connection between the transmitter and a locally powered XTP receiver or XTP matrix switcher.
- Connect the XTP T UWP 202 to an XTP matrix switcher and enable the remote power feature on the XTP matrix switcher.

Step 4 — Mount the device to the metal junction box or mud ring

a. Using the provided screws, attach the XTP T UWP 202 to the mud ring or metal junction box through the inner screw holes (see figure 2 or 3).

b. Using the provided screws, attach the faceplate to the XTP T UWP 202 through the outer screw holes (see figure 2 or 3).

Step 5 — Make front panel connections

a. Connect a digital video source to the female HDMI connector (see Ⓗ on page 1). It accepts HDMI, DVI (with an appropriate adapter), or dual mode DisplayPort video signals.

b. Connect an unbalanced analog audio input source to the 3.5 mm TRS jack (see Ⓘ on page 1).

c. Connect an analog RGB video source to the female 15-pin HD VGA connector (see Ⓙ on page 1).

d. For LAN models, connect a host device or control LAN or WAN to the LAN RJ-45 connector for pass-through 10/100 Ethernet communication (see Ⓓ on page 1). This is an Ethernet pass-through port with LEDs to indicate link and activity status.

e. Connect a host device to the USB mini-B connector for configuration, control, and firmware upgrades (see Ⓔ on page 1).

Operation

Configuration and Control

After the transmitter and all connected devices are properly connected and powered on, the system is fully operational. Use the Extron XTP System Configuration software or SIS commands to configure the XTP T UWP 202 (see the *XTP T UWP 202 User Guide* at **www.extron.com**).

Indicators

Audio signal clip LED — Lights when the analog audio input signal is above -3 dBFS. It remains lit for 200 ms after the signal falls below -3 dBFS.

Auto switch LED — Lights when the device is in auto switch mode.

Power LED — Lights when power is applied to the device.

HDMI LED — Lights when an HDMI input signal is detected.

HDCP LED — Lights when an input signal is HDCP compliant.

VGA LED — Lights when a VGA input signal is detected.

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